

ABSTRACT OF THE DISCLOSURE

A method of communicating digital information of different data formats via a plurality of communication channels shared between several communication means includes a reception operation, a reformat operation, and a transmission operation. In the reception operation, digital information having a first format and transmitted via a first communication channel from communication means that uses the first format is received. In the reformat operation, the received digital information having the first format is reformatted to digital information having a second format different from the first format, if resources to use a second channel for transmission of digital information having the second format are available. In the transmission operation, the digital information having the second format is transmitted via the second channel and is received by communication means that uses the second format.